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ABSTRACT

A temperature detection device is provided for an electronic circuit, in particular for a HF tuner. The temperature detection device comprises a temperature detector, an analog-to-digital converter and a standardized serial bus. At its output the temperature detector makes available a temperature-dependent voltage that is a predetermined function of the temperature. The temperature-dependent voltage is applied to the input of the analog-to-digital converter. On its output side, the analog-to-digital converter is coupled to the standardized serial bus.